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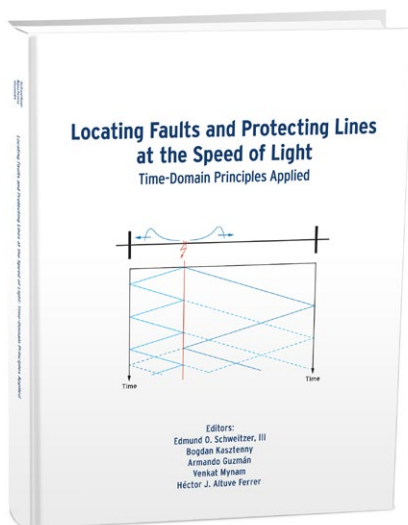
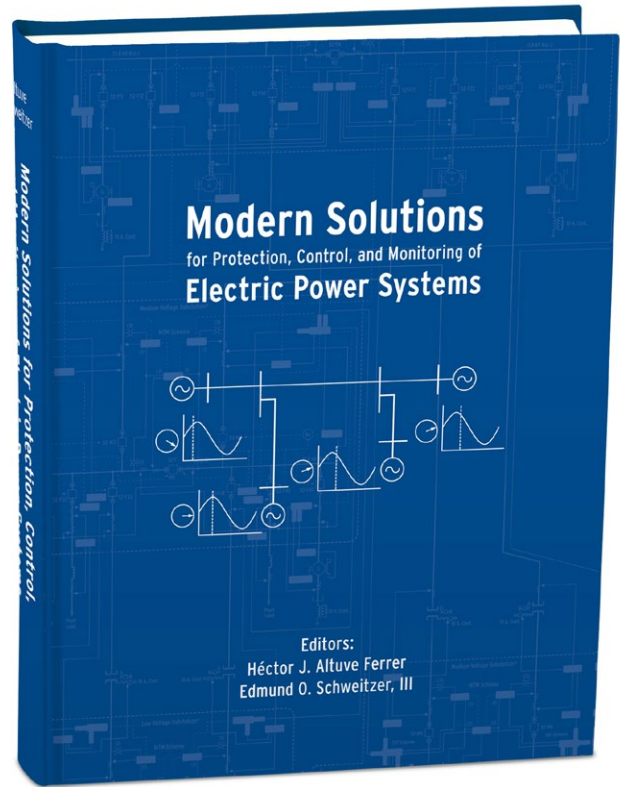
Modern Solutions for Protection, Control, and Monitoring of Electric Power Systems

The most comprehensive work of its kind, this book consolidates new, modern solutions for protection, control, and monitoring of electric power systems.

You'll find straightforward presentations and example applications of the following technologies:

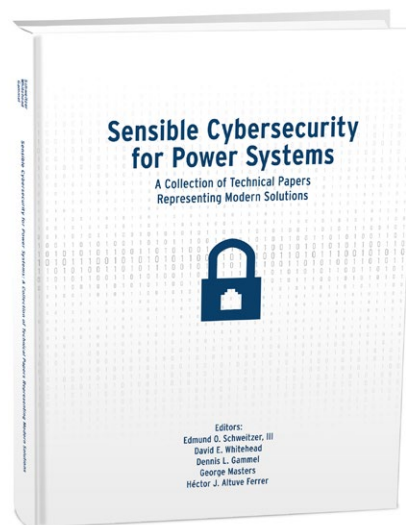
- Time-synchronized protection, control, and monitoring.
- Wide-area protection and control using synchrophasors.
- Sensible cybersecurity and a security-in-depth tool kit.
- Distribution systems that deliver safe operation and rapid power restoration after faults.
- Transmission protection solutions that improve stability, detect power swings, and help you get the most out of your primary equipment.

Spanish version available



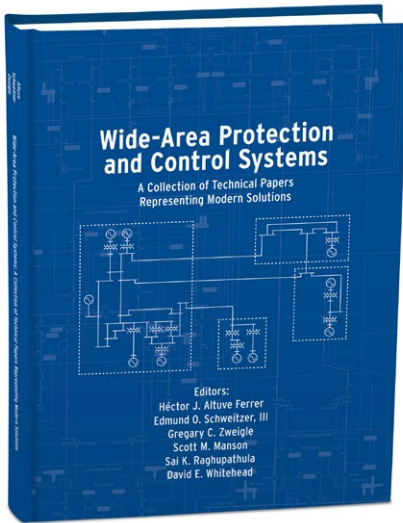
Locating Faults and Protecting Lines at the Speed of Light

This book, composed of 15 technical papers, explains traveling waves and instantaneous incremental quantities for line protection and fault locating.



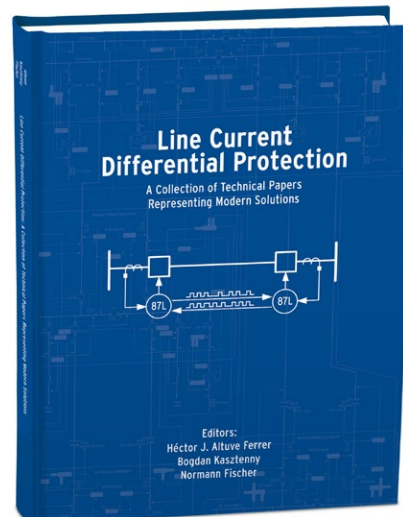
Sensible Cybersecurity for Power Systems

This book, composed of over 25 technical papers, provides an overview of power system cybersecurity challenges, opportunities, and solutions.



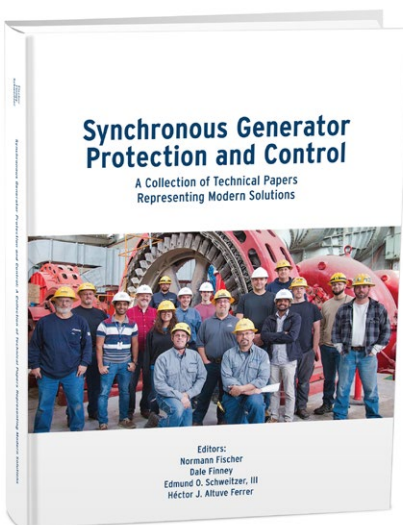
Wide-Area Protection and Control Systems

This book, composed of 41 technical papers, covers the practical technology and solutions for wide-area protection and control that are in service today.



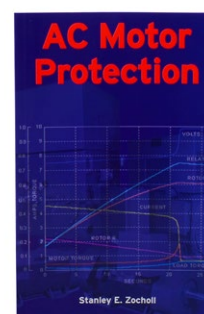
Line Current Differential Protection

This book, composed of 15 technical papers, addresses the design and application of line current differential protection, communications, and fault locating, from both the protection and communications perspectives.



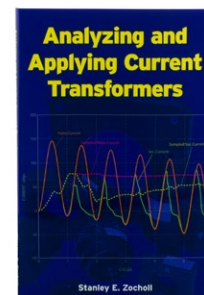
Synchronous Generator Protection and Control

This book, composed of 27 technical papers, covers modern technologies for synchronous generator protection, control, and monitoring.



AC Motor Protection

This book, written for the practicing engineer, covers ac motor characteristics and protection principles in a concise and practical way.



Analyzing and Applying Current Transformers

This concise book explains fundamental concepts for non-linear characteristics, accuracy ratings, and transient behavior of current transformers.